

EXPRESS MAIL CERTIFICATE

Date 8/1/03 Label No. EV305483467-US

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

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Customer No.: 07278

Dkt. No. 6727/1H383US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yariv Aridor et al.

Serial No.: NOT YET ASSIGNED

Filed: CONCURRENTLY HERewith

For: INFORMATION SEARCH USING KNOWLEDGE AGENTS  
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August 1, 2003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

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1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed: (Check one of the boxes A-D)

- ☒ A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.
- ☐ B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
- ☐ C. after (A) and (B) above, but before the mailing date of a final rejection, a notice of allowance, or any other action that closes prosecution, and Applicants have made the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

(check one of the boxes "i" and "ii" below:)

- ☐ i. Counsel states that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
- ☐ ii. A check for the fee set forth in 1. 17(p), presently believed to be \$180, is enclosed.
- ☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Counsel states that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
- ☐ i. A check for the fee set forth in 1.17 (p), presently believed to be \$180, is enclosed.

2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for

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consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

(check boxes A and/or B and fill in blanks, if appropriate.)

- ☐ A. Document(s) \_\_\_\_\_ is (are) deemed substantially cumulative to document(s) \_\_\_\_\_, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.
- ☒ B. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120:

U.S. Patent Application No. 09/610,705 filed July 6, 2000.

Applicant Identifies these documents by attaching hereto copies of the forms PTO- 892 and PTO- 1449 from the files of the prior application(s) or a fresh PTO- 1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☐ 3. Document Nos. \_\_\_\_\_ are not in the English language. In accordance with 1.98(c), Applicant states:

- ☐ An English translation of each document (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application is enclosed.
- ☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is found in the attached search report (see MPEP § 609 A(3)x).
- ☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ is set forth as follows: [Insert concise explanation of relevance]
- ☐ A concise explanation of the relevance of document(s) \_\_\_\_\_ can be found on pages \_\_\_\_\_ of the specification.
- ☐ A concise explanation of document(s) \_\_\_\_\_ can be found on the attached sheet.

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[ ] 4. No explanation of relevance is necessary for documents in the English language (see MPEP § 609 A(3)).

[ ] 5. Other information being provided for the examiner's consideration follows:

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless other-wise indicated, the date of publication indicated for an item is taken from the face of' the item and Applicant reserves the right to prove that the date of publication is in fact different.

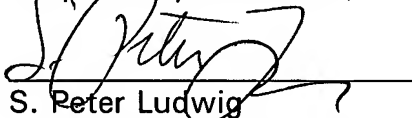
**CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS**

Pursuant to 37 C.F.R. § 1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

(1) U.S. Patent Application Serial No \_\_\_\_\_, filed \_\_\_\_\_.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,



S. Peter Ludwig  
Registration No. 25,351  
Attorney for Applicant(s)

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FORM PTO-1449 (Colb)	SEP 18 2000 PATENT & TRADEMARK OFFICE	ATTY DOCKL NO. 6727/0H383	SERIAL NUMBER 09/610,705
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION DISCLOSURE STATEMENT		APPLICANT Yariv ARIDOR et al.	
		FILING DATE July 6, 2000	GROUP ART UNIT N/A

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
AF	1.	4,823,306	4/18/89	BARBIC et al.			
HR	2.	5,987,457	11/16/99	BALLARD			
HT	3.	5,884,305	3/16/99	KLEINBERG et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANSLATION

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

HT	4.	"Internet Search Agent – Web Search Tool", <a href="http://www.renegade-software.com/ISA">http://www.renegade-software.com/ISA</a> (web page), pp. 1-2, December 14, 1999.
AF	5.	"LeisureSoft: Your Genie on the Net", <a href="http://www.searchpad.com">http://www.searchpad.com</a> (web page), pp. 1, 1997.
HT	6.	"SmartRanker: Ultra Precision Ranking Engine", <a href="http://www.tooto.com">http://www.tooto.com</a> (web page), pp. 1-2, 1999.
HT	7.	"Karnak", <a href="http://www.karnak.com">http://www.karnak.com</a> (web page), printed June 14, 2000, pg. 1.
HT	8.	Maarek, Y.S. et al., "Full Text Indexing Based on Lexical Relations, An Application: Software Libraries", <i>Proceedings of SIGIR89, Twelfth International Conference on Research and Development in Information Retrieval</i> , ed. Belkin and Rijsbergen, ACM Press, pp. 198-206, Cambridge, MA, June 1989.
HT	9.	Xu, J. et al., "Query Expansion Using Local and Global Document Analysis", <i>Proceedings of the Nineteenth Annual International ACM-SIGIR Conference on Research and Development in Information Retrieval</i> , 1996, pp. 4-11.

EXAMINER: *Hanklthar*DATE CONSIDERED: *07/01/2002*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Colb)

SEP 18 2000

ATTY DOC ET NO.  
6727/0H383SERIAL-NUMBER  
09/610,705LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANTS' INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
Yariv ARIDOR et al.FILING DATE  
July 6, 2000GROUP ART UNIT  
N/A

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS LATION

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

WT	10.	Kleinberg, J., "Authoritative Sources in a Hyperlinked Environment", <i>Proceedings of the Ninth ACM-SIAM Symposium on Discrete Algorithms</i> (1998), pp. 1-33.
HT	11.	Lempel, R. et al., "The Stochastic Approach for Link-Structure Analysis (SALSA) and the TKC Effect", <i>Proceedings of the Ninth World Wide Web Conference</i> , Amsterdam 2000, pp. 1-23.
HT	12.	"CLEVER Searching", <a href="http://www.almaden.ibm.com">http://www.almaden.ibm.com</a> (web page), pp. 1-2, printed Jun 14, 2000.
HT	13.	Ben-Shaul, I. et al., "Adding Support for Dynamic and Focused Search with Fetuccino", <i>Proceedings of the Eighth World Wide Web Conference</i> , Toronto, 1999, pp. 1-16.
HT	14.	Chakrabarti, S. et al., "Focused Crawling: A New Approach to Topic-Specified Web Resource Discovery", <i>Proceedings of the Eighth World Wide Web Conference</i> , Toronto, 1999, pp. 1-25.
HT	15.	Chakrabarti, S. et al., "Mining the Web's Link Structure, pp. 60-67", <i>Computer</i> , vol 32, no. 8, <a href="http://www.computer.org/computer">http://www.computer.org/computer</a> (web page), pg. 1, August 1999.

EXAMINER:

Hankhan

DATE CONSIDERED:

07/01/2002

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Notice of References Cited**

Application/Control No.

09/610,705

Applicant(s)/Patent Under  
Reexamination  
ARIDOR ET AL.

Examiner

Hanh B Thai

Art Unit

2171

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,564,202	05-2003	Schuetze et al.	707/2
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.